



**THE C4 ENTERPRISE MODERNIZATION
ROADMAP
APRIL 2019 - APRIL 2021
WHAT WE PLANNED FOR AND
ACCOMPLISHED**

What C4 Planned to Implement and Did

- Created a Mobile enabled version of the QCPF tool.
- Implemented fault tolerant Infrastructure on AWS
- Establish and Staffed a C4 PMO, which implemented:
 - The Project Intake, Prioritization and Review Process
 - Current Project List and their Priority (today)
 - Alignment with our C4 Roadmap
 - Procurement/RFPs and Process
 - Resource Capability
 - Enterprise-wide project plan
 - Enterprise-wide project status tracking and reporting
 - Facilitation of project prioritization process, including project intake and approval
 - Enterprise-wide resource capacity tracking
 - Project management templates, documented processes and methodology

What C4 Planned to Implement and Did

- Re-wrote the C4 Web Site Application and implemented the software onto Containers : Results are High Availability and Zero Down-Time software Deployments.
- Centralized all C4 Business Rule into the Drools Rules Engine
- Replaced the Oracle footprint with new tools such as MuleSoft, AWS (Amazon Web Services) and a new IDM (Identity Manager) service.
 - Supports a Pay-by-the-Drink Infrastructure Cost
 - Automated upgrades, self-healing and scaling infrastructure
 - Centralized library of all EDI and proxy services.
 - Identify, remove and improve services that are no longer needed/are not adding value.
- Established and Staffed a Quality Assurance Department
- Established and Staffed a Change Management Department
- Established and Staffed a Release Management Department

What C4 Planned to Implement and Did

- Produced and awarded a Task-Base RFP for the following service to enable the Modernization Work
 - Development – Shopping Portal...
 - Cloud Infrastructure – Initial Setup
 - Data Architect Services
 - Data Migration
 - Security Services
 - ESB / Fusion to MuleSoft Migration
 - QA Automation Testing Tool(s)
 - Automated Load Testing Tool(s)